

## ABSTRACT OF THE DISCLOSURE

A transmission circuit comprises the following: a power amplifier whose gain is controlled; a detector which detects a  
5 transmission signal from the power amplifier and outputs a detection voltage corresponding to a level of the signal; and a gain controller which compares a transmission power set voltage for setting the level of the transmission signal to be outputted from the power amplifier with the detection voltage and supplies  
10 a gain control voltage to the power amplifier. The transmission power set voltage is sent through a low pass filter into the gain controller.